

Serial No. 10/754,036

REMARKS

The Examiner has rejected claims 1-18 under the Judicially created Doctrine of Obviousness-Type Double Patenting over claims 1, 9, 17 and 18 of Applicant's prior patent, U.S. Patent No. 6,615,143. However, claim 1 of the present application recites, "measuring *transient* acoustic pressure at a plurality of measurement points around the object subject to an arbitrarily *time-dependent* excitation." Claim 1 further recites, "reconstructing the *transient* acoustic pressure." Applicant's prior patent does not claim or disclose measuring *transient* acoustic pressure or that object is subject to "*arbitrarily time dependent* excitation," as claimed. Nor does Applicant's prior patent claim or disclose "reconstructing the transient acoustic pressure," as claimed. Applicant's prior patent is a steady state or harmonic analysis, not a transient analysis. The transient analysis of the present invention is a significant, non-obvious change over Applicant's prior invention.

Similarly, independent claim 9 of the present application recites "a noise source generating *transient* acoustic radiation" and "a computer reconstructing *transient* acoustic pressure." As explained above, this is neither claimed nor disclosed in Applicant's prior patent. Nor is this an obvious modification of Applicant's prior patent.

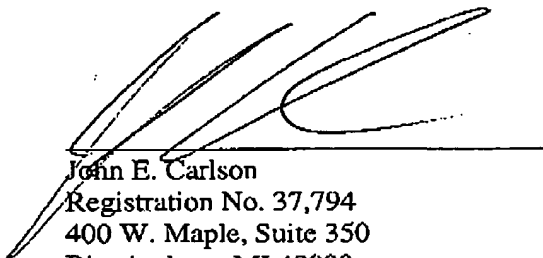
Claim 17 is similar to claim 9 in that it also recites "a noise source generating *transient* acoustic radiation" and "reconstructing a *transient* acoustic field." Claim 18 also recites "a noise source generating *transient* acoustic radiation" and "means for reconstructing *transient* acoustic pressure." For the reasons explained above, Applicant's prior patent does not claim or disclose analysis and reconstruction of transient acoustic radiation as claimed.

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By the above reasons, the double patenting rejection should be withdrawn. It is believed that no fees are due; however, if any fees are due please charge all fees to Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds, P.C.

Respectfully submitted,

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